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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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| Applicants: | Frederick A. Perner et al. | § | Confirmation No.: | 4684 |
| Serial No.: | 10/649,078 | § | Group Art Unit: | 2827 |
| Filed: | 08/27/2003 | § | Examiner: | Thong Quoc Le |
| For: | Method And System For Controlling Write Current In Magnetic Memory | § | Docket No.: | 200205868-1 |

DECLARATION UNDER RULE 131(A)

Mail Stop Amendment
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

Frederick A. PERNER and Kenneth K. SMITH (hereinafter "the inventors"),
applicants in the above-identified patent application, declare as follows:

1. That prior to June 18, 2003, the inventors were employed as engineers for Hewlett-Packard Company;
2. That prior to June 18, 2003, the inventors conceived of a method and system for controlling write current in magnetic memory in the United States of America;
3. That said method and system of controlling write current in magnetic memory included a method of increasing voltage available to a memory element, comprising: providing a current in a plurality of memory write lines, wherein the write lines are magnetically coupled to at least one memory element, coupling a first and second plurality of transistors to either end of the memory write line and altering the conduction state of individual transistors within the first and second plurality of transistors;
4. That the inventors conceived of said method and system for controlling write current in magnetic memory and began preparing

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Serial No.: 10/649,078
Filing Date: 08/27/2003
Docket No.: 200205668-1

an initial draft of a patent application sometime prior to June 18, 2003, as evidenced in Exhibit A attached hereto, which is an email dated May 21, 2003 that includes an initial draft of the instant patent application; and

5. That the inventors received a final draft of the instant patent application for said method and system for controlling write current in magnetic memory on August 21, 2003 —prior to its eventual filing on August 27, 2003, as evidenced in Exhibit B attached hereto which is correspondence between Messrs. Smith and Perner including a final draft of the instant patent application.

The declarants further state that the above statements were made with the knowledge that willful false statements and the like are punishable by fine and/or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that any such willful false statement may jeopardize the validity of this application or any patent resulting therefrom.

DATE

10/25/05

DATE

Frederick A. PERNER



Kenneth K. SMITH

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| Applicants: | Frederick A. Perner et al. | § | Confirmation No.: | 4664 |
| Serial No.: | 10/649,078 | § | Group Art Unit: | 2827 |
| Filed: | 08/27/2003 | § | Examiner: | Thong Quoc Le |
| For: | Method And System For Controlling Write Current In Magnetic Memory | § | Docket No.: | 200205668-1 |

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Serial No.: 10/649,078
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Oct 26, 2005
DATE

Frederick A. Perner
Frederick A. PERNER

DATE

Kenneth K. SMITH

Colleen Brown

From: Colleen Brown
Sent: Wednesday, May 21, 2003 4:57 PM
To: 'Lyren, Philip S.'; 'Philip Lyren'
Cc: Robert Tuttle
Subject: HP PDNO 200205668-1 2ND FINAL DRAFT PAT APP FOR REVIEW & APPROVAL (2162-02000)

Importance: High

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U.S. Patent Application No.: NOT YET FILED
Formal Title: Method And System For Controlling Write Current In
Magnetic Memory
Inventors: Frederick A. Perner and Kenneth K. Smith
HP PDNO: 200205668-1
Our Ref. No.: 2162-02000
Resp. Atty.: Philip S. Lyren

Dear Phil:

Per your facsimile to us dated May 14, 2003, attached is a revised draft of the patent application for the above-identified matter. We await your comments and/or approval.



2ND HP ATTY 2ND HP ATTY
AFT PAT APP 2002AFT DWGS 2002056

Colleen F. Brown
Legal Assistant
CONLEY ROSE, P.C.
600 Travis, Suite 7100
Houston, TX 77002-2912
Main No.: (713) 238-8000
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Email: cbrown@conleyrose.com

EXHIBIT "A"
Page 1 of 1

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COLLEEN F. BROWN
Legal Assistant

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Direct Dial No. (713) 632-1653
E-mail: cbrown@conleyrose.com

August 20, 2003

VIA FEDERAL EXPRESS

Mr. Frederick A. Perner
HEWLETT-PACKARD COMPANY
Mailstop 1159
1501 Page Mill Road
Palo Alto, California 94304-1100

**PRIVILEGED AND CONFIDENTIAL
ATTORNEY/CLIENT COMMUNICATION**

Re: U.S. Patent Application No.: Not Yet Filed
Formal Title: Method And System For Controlling
Write Current In Magnetic Memory
Inventors: Frederick A. Perner and Kenneth K. Smith
HP ID No.: 200205668-1
Our Ref. No.: 2162-02000
Resp. Atty.: Philip S. Lyren

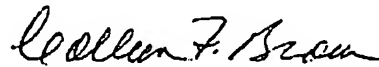
Dear Mr. Perner:

Enclosed please find a final draft copy of the above-referenced patent application along with an Assignment and Declaration/Power of Attorney. It is my understanding that the Assignment does **NOT** need to be notarized. HP would like this application filed **as soon as possible**, therefore, please sign (in blue ink) the enclosed documents and return them to me for filing with the U.S. Patent and Trademark Office. A self-addressed, postage-paid, return FedEx envelope is provided for your convenience.

Also enclosed is a Duty of Candor Memorandum form. Please review this memo and return it to us per the instructions contained therein.

Should you have any questions, please do not hesitate to contact me.

Very truly yours,



Colleen F. Brown
Legal Assistant

CFB
Enclosures
cc: Docketing - Patent [Firm]

EXHIBIT "B"
Page 1 of 4

108453.01/2162.02000

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CONLEY, ROSE & TAYON, P.C.
600 TRAVIS, STE. 1800
HOUSTON, TX, 77002



FedEx.

To: Frederick A. Perner (650) 857-4111
HEWLETT-PACKARD COMPANY
1501 Page Mill Road
MailStop 1159
Palo Alto, CA, 943041100

SHIP DATE: 20AUG03
WEIGHT: 1 LBS

Ref: 2162-02000/02100



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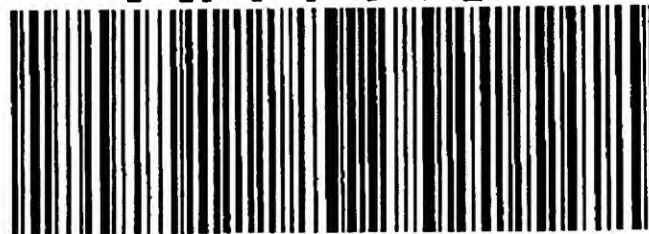
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PAGE 17/19 * RCVD AT 11/7/2005 5:36:14 PM [Eastern Standard Time] * SVR:USPTO-EFXXRF-6/32 * DNIS:2738300 * CBID:7132388008 * DURATION (mm-ss):05-34

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COLLEEN F. BROWN
Legal Assistant

August 20, 2003

VIA FEDERAL EXPRESS

Mr. Kenneth K. Smith
HEWLETT-PACKARD COMPANY
11311 Chinden Boulevard, MS 400
Boise, Idaho 83714-0021

PRIVILEGED AND CONFIDENTIAL
ATTORNEY/CLIENT COMMUNICATION

Re: U.S. Patent Application No.: Not Yet Filed
Formal Title: Method And System For Controlling
Write Current In Magnetic Memory
Inventors: Frederick A. Perner and Kenneth K. Smith
HP PD No.: 200205668-1
Our Ref. No.: 2162-02000
Resp. Atty.: Philip S. Lyren

Dear Mr. Smith:

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Legal Assistant

CFB
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cc: Docketing - Patent [Firm]

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 HOUSTON, TX, 77002

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FedEx.

To: Kenneth K. Smith (208)396-7283
 Hewlett-Packard Company
 11311 Chinden Boulevard
 MS 400
 Boise, ID, 837140021

SHIP DATE: 20AUG03
 WEIGHT: 1 LBS

Ref: 2182-02000/02100



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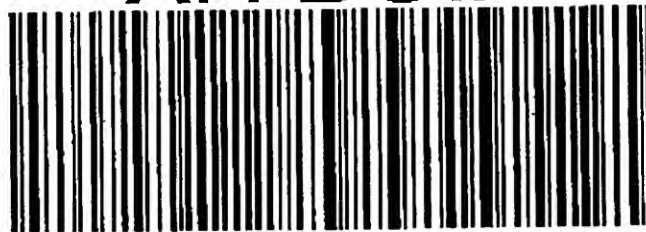
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